



BLAIR COUNTY
1731 N. JUNIATA STREET
HOLLIDAYSBURG, PA 16648
TEL: 814.696.6280
FAX: 814.696.6240

October 25th, 2023

Brandon Frey, E.I.T.
Western Section
PA DEP Division of Dam Safety
Rachel Carson State Office Building
400 Market Street, 2nd Floor
Harrisburg, PA 17101

RE: 2023 Inspection of Ebensburg Storage Dam
DEP File No. 011-061
Project No. 15-0017.102

Dear Mr. Frey:

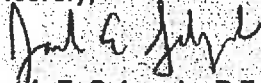
On behalf of Ebensburg Borough, we herewith submit for your review and approval, two (2) copies of the referenced inspection report.

In summary, the dam appeared to be in good condition. However, the following observations should be noted and addressed by Borough staff:

1. Past annual inspection reports had indicated a growing crack present along an upper wall section of the downstream western spillway wall. This wall section had been slowly sliding downhill away from the spillway. In 2019, EMA operational staff removed this section of wall, cutting the remaining concrete flush at the location of the crack. See Photos 13 and 18.
 - a. Three (3) hairline cracks were noted on the lower wall section (see Photo 18) at the location where the upper wall section had previously been removed. The cracks should be monitored moving forward to ensure the lower wall section does not slide in the same way that the upper section did.
2. Vegetation on the upstream embankment slope needs cut.
3. A wet area was identified on the southern side of the dam access road (see sketch plan). The flow through this wet area was approximately 2-3 GPM, an increase from last year (approximately 1 GPM). The wet area extended to a patch of wetlands adjacent to the Water Treatment Plant Parking Area. It is difficult to determine whether this wet area is a result of dam seepage or runoff from the mountainside to the west of the dam. Regardless, this seep should continue to be monitored for changes moving forward.

If you should have any questions, please contact our office.

Sincerely,


Jonah E. Salyards, P.E.
Project Engineer

ANNUAL RESERVOIR INSPECTION

EBENSBURG STORAGE DAM

DEP ID No. D11-061

Prepared by:



EBENSBURG BOROUGH, CAMBRIA COUNTY,
PENNSYLVANIA

OWNER: EBENSBURG BOROUGH

OCTOBER 2023

DAM INSPECTION CHECKLIST
Department of Environmental Protection
Bureau of Waterways Engineering
Division of Dam Safety

NAME OF DAM: Ebensburg Storage Dam **DEP DAM NO.:** D11-061

LOCATION: Municipality: Ebensburg Borough **County:** Cambria

DEP CLASSIFICATION DATA: Size: C **Hazard:** 1

PHYSICAL DATA:

Type of Dam: Earth Fill **Height of Dam:** 17.5' **Normal Pool Storage Capacity:** 48 Ac-Ft

ELEVATIONS:

Normal Pool: 1983.30 **Pool at Inspection:** 1983.4± **Tailwater at Inspection:**

DAM OWNER: Ebensburg Borough **OPERATOR:** Kelly Cook

ADDRESS: 300 West High Street **Borough Manager**
Ebensburg, PA 15931 **Ebensburg Borough**

PHONE: (814) 472-8780 **FAX NO.:** **E-MAIL ADDRESS:** KCook@ebensburgpa.com

A completed and signed Dam Owners Notice Checklist is to accompany this Inspection Checklist.

PERSONS PRESENT AT INSPECTION:

<u>Name</u>	<u>Title/Position</u>	<u>Representing</u>
<u>Jonah E. Salyards, P.E.</u>	<u>Project Engineer</u>	<u>Stiffler, McGraw & Assoc.</u>
<u>Tyler M. McGraw, P.E.</u>	<u>Project Engineer</u>	<u>Stiffler, McGraw & Assoc.</u>
_____	_____	_____
_____	_____	_____

DATE OF INSPECTION: 10/10/2023

WEATHER: Partly Cloudy

TEMPERATURE: 41°F



This is to certify that the above dam has been inspected and the following are the results of this inspection.

Jonah E. Salyards 10-25-23
 Signature of Registered Professional Engineer Date
 (P.E. Seal Required)

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
EMBANKMENT: CREST					
1	Surface Cracking	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Sinkhole, Animal Burrow	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Low Area(s)	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Horizontal Alignment	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Ruts and/or Puddles	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Vegetation Condition	Good cover of grass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Warning Signs	None Observed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Comments (Refer to item number if applicable):					
EMBANKMENT: UPSTREAM FACE					
10	Slide, Slough, Scarp	None Observed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Slope Protection	Concrete in good condition, to approximately 3' below spillway crest. Grass and weeds between concrete and crest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Sinkhole, Animal Burrow	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Emb.-Abut. Contact	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Erosion	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Vegetation Condition	Good cover of grass, vegetation present, needs cut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Comments (Refer to item number if applicable):					

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
EMBANKMENT: DOWNSTREAM FACE					
18	Wet Area(s) (No Flow)	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Seepage	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Slide, Slough, Scarp	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Emb. - Abut. Contact	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Sinkhole, Animal Burrow	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Erosion	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Unusual Movement	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Vegetation Control	Good cover of grass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Comments (Refer to item number if applicable):					
EMBANKMENT: INSTRUMENTATION					
28	Piezometers/Observ. Wells	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Staff Gauge and Recorder	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	Weirs	Stream flow monitor installed November 1994 for Howell's Run Conservation Release Documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Survey Monuments	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	Drains	Not observed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Low Flow Release	The low flow release from Howells Run Dam is discharged from a six-inch diameter pipe in the east sidewall onto the emergency spillway when there is little or no water running in the spillway. The pipe was flowing during the inspection.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	Frequency of Readings	The low flow release is continuously monitored	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Location of Records	Water treatment facility data storage unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Comments (Refer to item number if applicable):					

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
DOWNSTREAM AREA					
38	Abutment Leakage	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39	Foundation Seepage	*(See below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40	Slide, Slough, Scarp	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41	Drainage System	None Observed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42	Boils	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43	Wet Areas	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44	Reservoir Slopes	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	Access Roads	The dam is accessible from the downstream face by the Treatment Plant access road. The access road is gated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46	Security Devices	The gate on the bridge to the intake tower is locked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47	Act 91 Run-of-the-River Signs or Bouys	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

39. A wet area was identified on the southern side of the dam access road (see sketch plan). The flow through this wet area was approx. 2-3 GPM, an increase from last year (approx.. 1 GPM). The wet area extended to a patch of wetlands adjacent to the Water Treatment Plant Parking Area. It is difficult to determine whether this wet area is a result of dam seepage or runoff from the mountainside to the west of the dam. Regardless, this seep should continue to be monitored for any changes moving forward.

SPILLWAYS: ERODABLE CHANNEL: N/A

50	Slide, Slough, Scarp		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51	Erosion		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52	Vegetation Condition		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53	Debris		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
SPILLWAYS: NON-ERODABLE CHANNEL					
56	Sidewalls	Fair condition. *See Below	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57	Channel Floor	Some concrete surface erosion. *See Below	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58	Unusual Movement	Unusual movement of upper wall section addressed via removal of section experiencing movement. See Photos 13, 18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59	Approach Area	No problems noted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60	Weir or Control	Good condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61	Discharge Channel	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62	Boils	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

56. The sidewalls exhibit sporadic hairline cracks with efflorescence throughout. There is advanced spalling on the top of the west sidewall at the upstream end of the spillway (Photo 8). The portion of the west side upper wall section which had experienced a major crack and been separating from the upstream spillway wall was removed by EMA operational staff in 2019. See Photos 13 and 17.

In 2022, a small hairline crack was noted on the lower wall section (see Photo 18) at the location where the upper wall section had been removed. Two additional hairline cracks were noted during this year's inspection at this location. The cracks should be monitored moving forward to ensure the lower wall section does not slide similarly to the upper wall section.

57. In 2019 concrete patching / repairs were performed at the lip of the downstream spillway, near the portion of the removed upper wall section. See Photo 14

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
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SPILLWAYS: DROP INLET / N/A

65	Intake Structure	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66	Trashrack	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67	Stilling Basin	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

OUTLET WORKS

70	Intake Structure	Replaced in 1994. The intake structure appears to be in good condition. "DANGER WATER INTAKE KEEP AWAY" signs installed on intake structure in 2021	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71	Trashrack	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72	Stilling Basin	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73	Primary Closure	*See below	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74	Secondary Closure	This valve is located in a manhole near the (See below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75	Control Mechanism	Replaced in 1994	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76	Outlet Pipe	The outlet pipe was televised in 2016 and found (See below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77	Outlet Tower	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78	Outlet Structure	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79	Seepage	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
80	Unusual Movement	None noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

73. A new primary closure, 20" S.S. sluice gate was installed in early-2021. An access platform was also constructed atop the intake tower.

74. entrance to the water treatment plant. (See Photo 15). This valve was last exercised in September 2019

76. to be in satisfactory condition.

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
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CONCRETE/MASONRY DAMS: UPSTREAM FACE N/A

83	Surface Conditions	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
84	Condition of Joints	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85	Unusual Movement	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86	Abutment-Dam Contacts	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

CONCRETE/MASONRY DAMS: DOWNSTREAM FACE N/A

89	Surface Conditions	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90	Condition of Joints	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91	Unusual Movement	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
92	Abutment-Dam Contacts	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
93	Drains	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94	Leakage	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
96			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
CONCRETE/MASONRY DAMS: CREST N/A					
97	Surface Conditions	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
98	Horizontal Alignment	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
99	Vertical Alignment	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100	Condition of Joints	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
101	Unusual Movements	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
102			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
103			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

RESERVOIR AREA

104	Sedimentation	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
105	Slope Stability	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
106	Sinkholes	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
107	Fractures	No problems noted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
108	Unwanted Growth	Brush along spillway approach channel needs cut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
109	Storage Gage	None observed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
110			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
111			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (Refer to item number if applicable):

NAME OF DAM: Ebensburg Storage Dam

DEP DAM NO.: D11-061

DATE: 10/10/23

ITEM	CONDITION	COMMENTS	MONITOR	INVESTIGATE	REPAIR
Final Comments:					

DAM OWNERS NOTICE CHECKLIST
Department of Environmental Protection
Bureau of Waterways Engineering
Division of Dam Safety

NAME OF DAM: Ebensburg Storage Dam **DEP DAM NO.:** D11-061

This is to certify that both the Downstream Hazard Description is accurate and the Posted Notice locations listed below have been inspected and the following are the results of these inspections.

Ebensburg Borough Kelly Cook 10/16/23
 Name of Dam Owner Signature of Dam Owner Date

This Dam Owners Notice Checklist is to accompany the Inspection Checklist filed by the Engineer.

EMERGENCY ACTION PLAN

Date of Last Update of Emergency Plan: September 24, 2018

Downstream Hazard Description (Refer to sections II.C and II.D in the EAP), additionally, specify any new developments, structures, etc. downstream within the inundation area:

The inundation area resulting from a sudden dam failure follows Howells Run southward to Jenks Dam immediately north of the Borough Swimming Pool, and then extends roughly along the eastern boundary of Ebensburg Borough to Lake Rowena. From Lake Rowena, the inundation area continues across and under SR 22, leaves the Borough and enters Cambria Township where it continues southward along Howells Run through primarily undeveloped woodland area for approximately 3.4 miles to the crossing of Wilmore Road then eastward through woodland area for approximately 1.6 miles where it joins the North Branch of the Little Conemaugh River. From that point the inundation area continues another 0.1 mile where it crosses Spinner Road and then follows the North Branch of the Little Conemaugh River southward through additional woodland area and flows into Wilmore Reservoir.

Within the inundation area there are approximately 27 homes with an estimated 64 residents, and 12 commercial businesses and 12 public/recreational/institutional facilities with an approximate population of 265, for a combined total population of 329. The public/recreational/institutional facilities include: the Ebensburg Water Plant; Ebensburg Reservoir Trail; Ebensburg Swimming Pool; Lions Field; Lake Rowena Park; Ebensburg Lake Field; Ebensburg Tennis Center; Skills of Central PA; Lakeside Church of the Nazarene; Ebensburg Outdoor Hockey Rink; and the Ebensburg Wastewater Treatment Plant.

POSTED NOTICES (Refer to section V.A in the EAP)

ITEM	DATE INSPECTED	LOCATION	COMMENTS	EXISTING	MISSING	REMOVED
1		Ebensburg Water Plant		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2		Reservoir Trail (Trailhead)		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3		Ebensburg Swimming Pool		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4		Lions Field		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5		Frostbite Ice Cream and Treats	<i>did not open this</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		Festival Beverage		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7		Dr. Archibald Morris Medical Office		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

8	Lakeview Lanes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Ebensburg Oil and Gas	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Lake Rowena Park	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	Ebensburg Lake Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	Ebensburg Tennis Center	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Traders Guide and Pennysaver	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	Mainline Newspaper	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	Skills of Central PA	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	Lake Inn Motel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	Ebensburg Lakeside Community Church of Nazarene	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18	Ebensburg Animal Hospital	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19	Ebensburg Outdoor Hockey Rink	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20	Country Sisters Store	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21	Foster F. Wineland Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
22	Dunkin Donuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23	Dodson Electric	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24	Ebensburg Wastewater Treatment Plant	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Additional Comments (Refer to item number if applicable):

**PHOTOGRAPHS
2023**

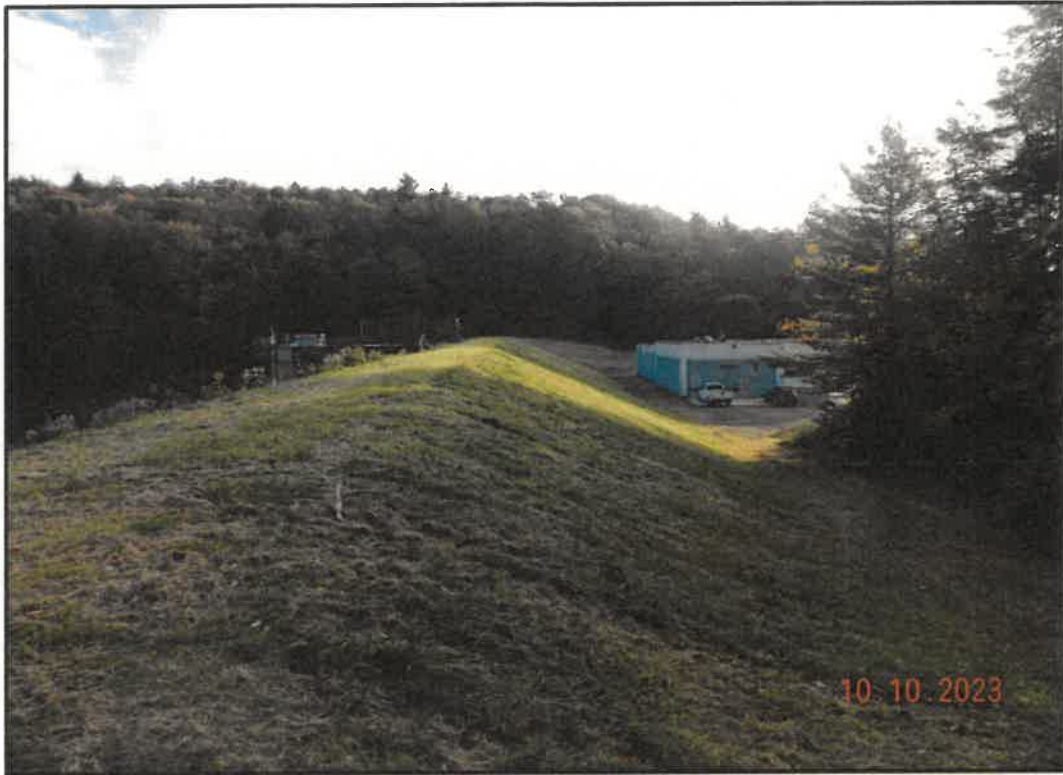


Photo 1: Downstream Embankment and Crest looking Northeast



Photo 2: Upstream Embankment looking Northeast

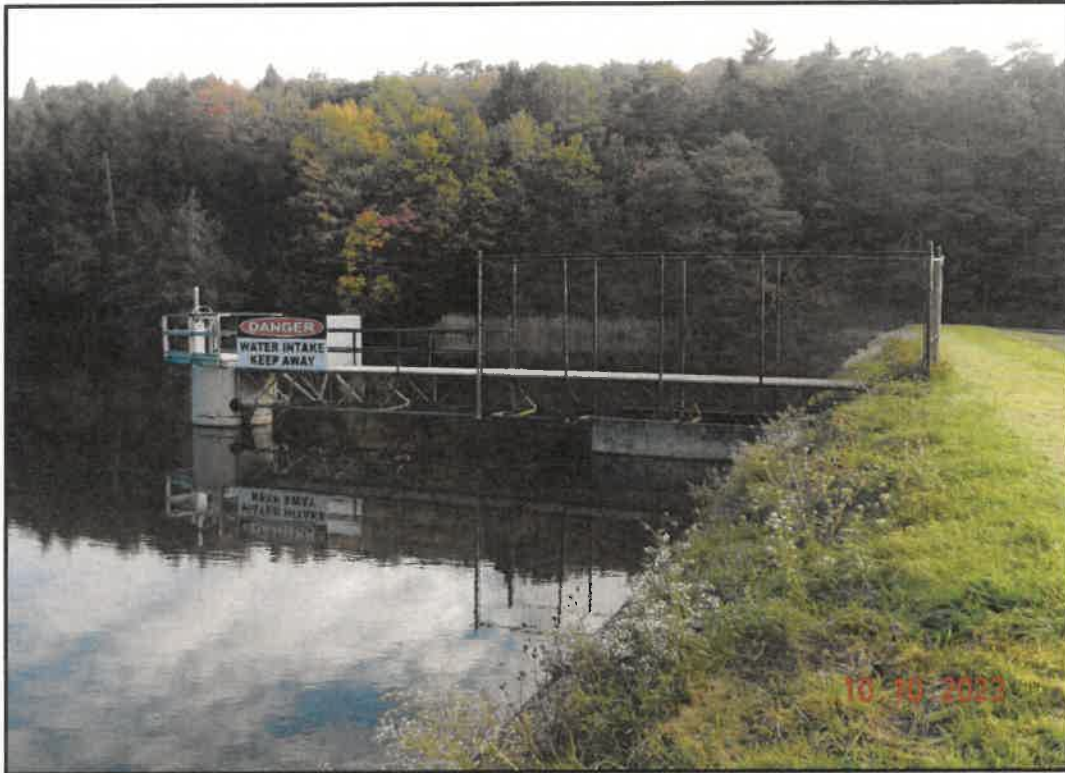


Photo 3: Upstream Embankment looking Northeast



Photo 4: Intake Structure, Bridge and Gated Access

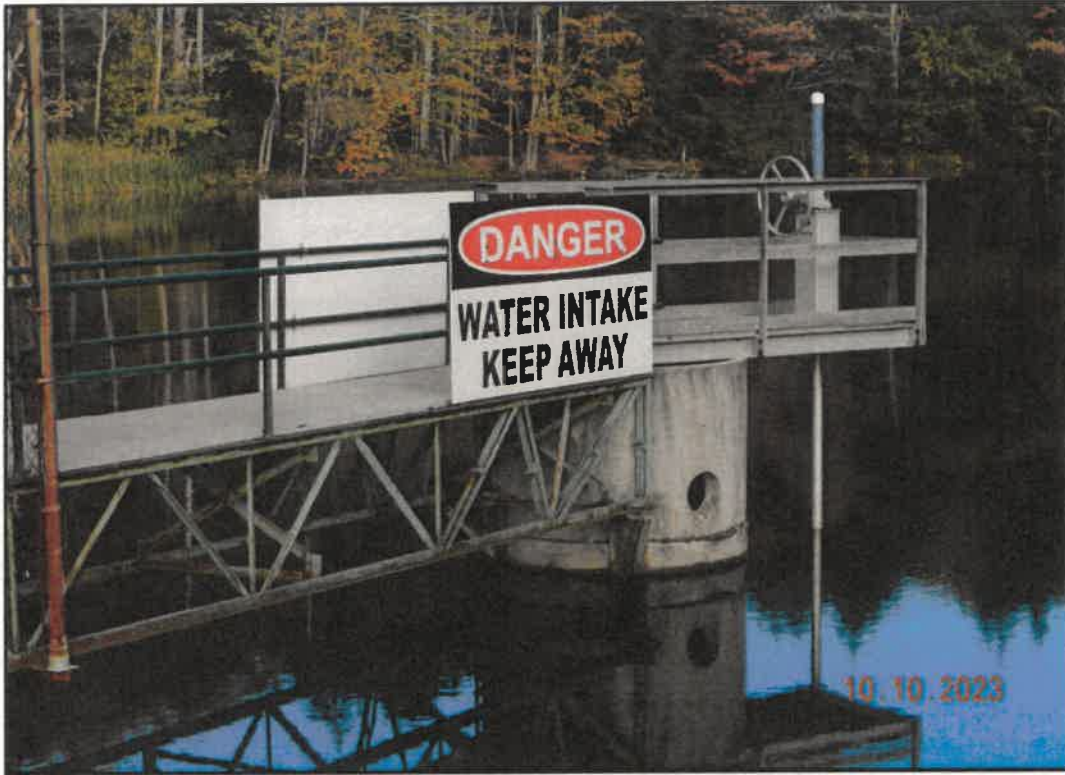


Photo 5: View of Intake Structure



Photo 6: Crest from the Middle looking Southwest

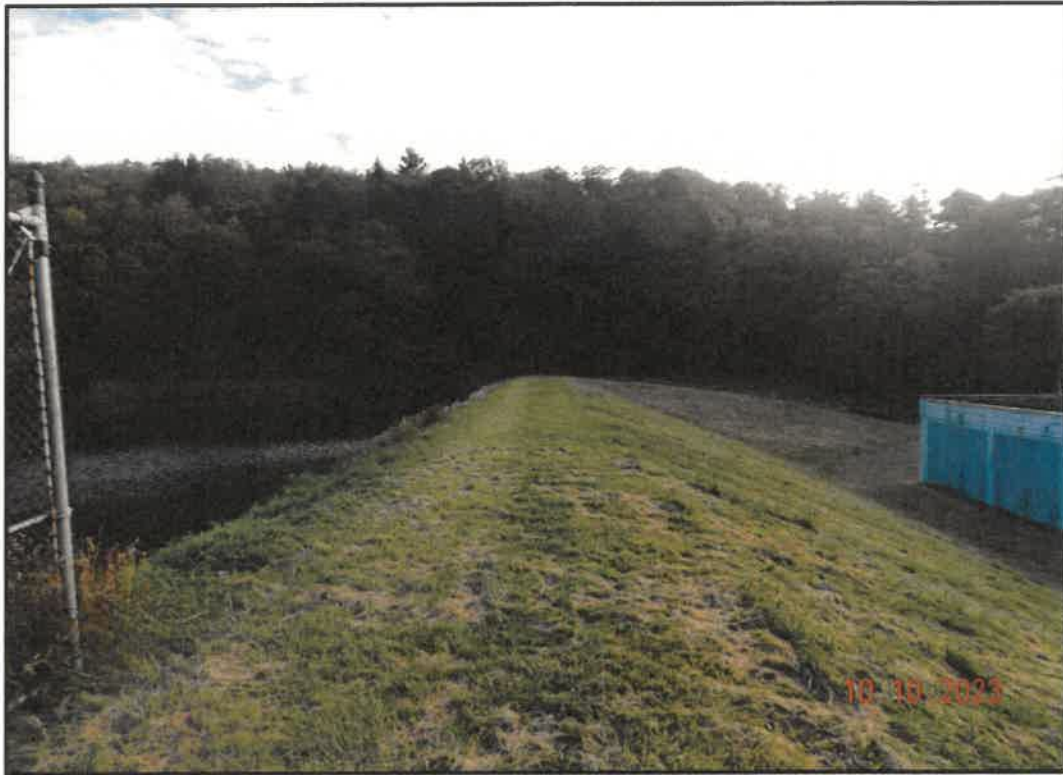


Photo 7: Crest from the Middle looking Northeast



Photo 8: Spillway Control Section looking Northeast



Photo 9: Woody Vegetation at East Abutment

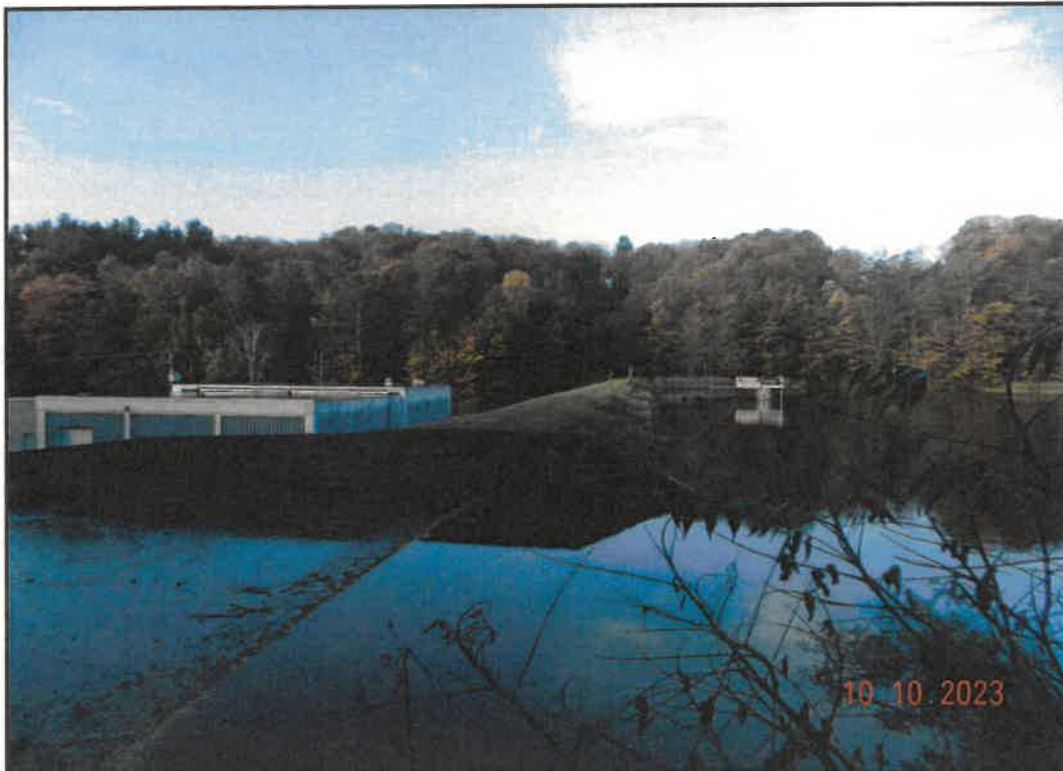


Photo 10: Spillway Entrance and Upstream Embankment looking Southwest



Photo 11: Downstream Section of Spillway



Photo 12: View of Weir on Discharge Channel Used for Measuring Conservation Release



Photo 13: Recently Removed Upper Section of the Western Spillway Wall (EMA operational staff removed portion of wall in 2019)



Photo 14: Portion of downstream spillway channel patched/repared by EMA operational staff in 2019



Photo 15: View of Reservoir Drain Manhole



Photo 16: Newly installed primary closure drain valve operator and access platform. (20" Stainless Steel Sluice Gate)



Photo 17: Recently Removed Upper Section of the Western Spillway Wall (EMA operational staff removed portion of wall in 2019)



Photo 18: Hairline Cracking in Western Spillway Wall

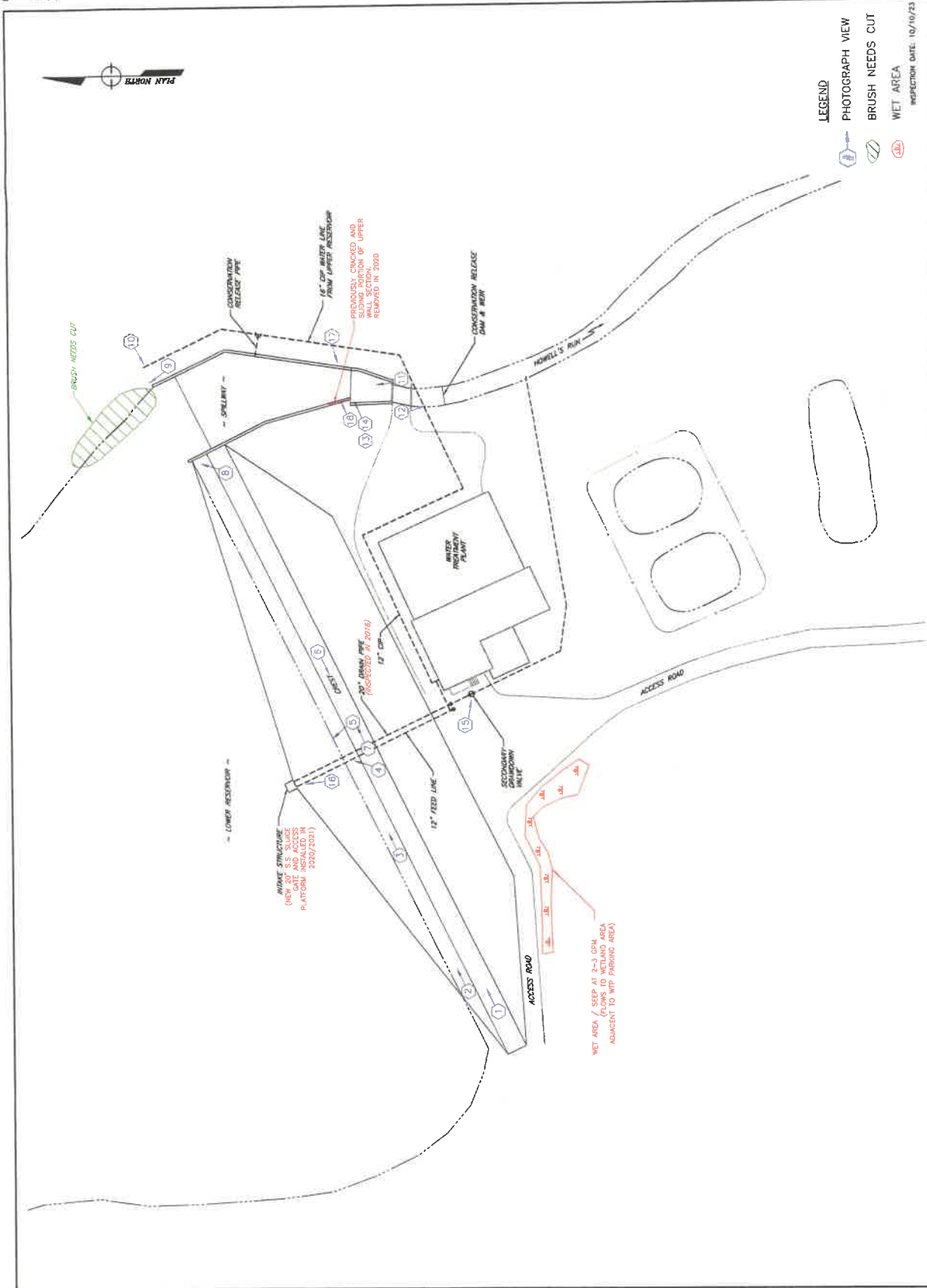
**SKETCH PLAN
2023**

Revisage	No.	Date	Description

**DAM INSPECTION
 SKETCH PLAN**

PROJECT NO.	15-0007102
DRAWN BY:	TMM
DESIGNED BY:	TMM
CHECKED BY:	DRS
SCALE	NONE
DATE	

S1



- LEGEND**
- PHOTOGRAPH VIEW
 - BRUSH NEEDS CUT
 - WET AREA

INSPECTION DATE: 10/19/23

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**DEP REVIEW LETTER
FOR
2022 INSPECTION REPORT**
**(not received)*